

ABSTRACT OF THE DISCLOSURE

This invention relates to plant GntI sequences, in particular
to plant nucleic acid sequences encoding the enzyme N-acetyl
5 glucosaminyl transferase I (GnTI), DNA sequences derived
therefrom, including GntI antisense and sense constructs, and
the translation products thereof, antibodies directed against
said translation products, as well as the use of the sequence
10 information for the production of transformed microorganisms
and transgenic plants, including those having reduced or
missing N-acetyl glucosaminyl transferase I activity. Such
plants displaying reduced or lacking N-acetyl glucosaminyl
15 transferase I activity are of great importance for the pro-
duction of glycoproteins of specific constitution with
respect to their sugar residues.

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